



REV.	ECN NO. OR DESCRIPTION	REVISED DATE
A	PRODUCT RELEASE	R.YUAN 2009.3.12
B	客戶需求增加POST ECR C090174	HARVEY 2009.11.17

SPECIFICATIONS:

- CURRENT CARRYING CAPACITY: 1A 100VAC MAX. OR 2A 12VDC MAX.
- CONTACT RESISTANCE: 30mΩ MAX.
- INSULATION RESISTANCE: 100MΩ MIN. AT 250VDC
- DIELECTRIC STRENGTH: 250VAC. 1 MINUTE WITHOUT BREAKDOWN
- INSERTION FORCE: 0.8KG ~ 5KG
- WITHDRAWAL FORCE: 0.8KG ~ 4KG
- SINGLE CONTACT MAINTENANCE FORCE: 20g MIN. (TEST PIN: 0.6φ)
- CONTACT PULL STRENGTH: 1KG MIN.
- LIFE CYCLE TEST: 5000 CYCLES, @10 TO 20 CYCLES PER MINUTE WITH NO ELECTRICAL LOAD
- MOISTURE RESISTANCE TEST: 500 HOURS @90% TO 95%, @40°C±2°C
- HEAT RESISTANCE TEST: 500 HOURS @100°C±2°C
- OPERATION TEMPERATURE: -10°C TO 60°C
- SOLDERABILITY TEST: DEWET PERCENTAGE 95% MIN. (LIMITED TO SILVER PLATING)

- TEST CONDITION:
- | | | | |
|-----------|--------------------------|-------------|---------------|
| SOLDER | FLUX | TEMPERATURE | DWELL TIME |
| Sn60/Pb40 | 25% BY WEIGHT OF ROSIN | 232°C±5°C | 5±0.5 SECONDS |
| | 75% BY WEIGHT OF ALCOHOL | | |

- SOLDERING HEAT TEST: @260°C±10°C FOR 10±0.5 SECONDS
- SOLDERING CONDITION: WAVE SOLDERING;
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- D/C DESCRIPTION: YMMDD



D	EARTH TERMINAL	1	COPPER ALLOY 0.4T	Ni: 60u"
C	CONTACT	6	COPPER ALLOY 0.4T	Ag 40u", Ni: 60u"
B	COVER	1	HI-TEMP THERMOPLASTIC, UL94V-0	BLACK COLOR
A	BODY	1	HI-TEMP THERMOPLASTIC, UL94V-0	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
Singatron Enterprise Co., Ltd. 信登企業股份有限公司				
TITLE		MINIATURE DIN CONNECTOR		
DWG	HARVEY	PART NO.	2MJ-0304-004	
CHKD	ROBIN	SCALE	3:1	
APVD	ROBIN	SIZE	A3	
SHEET: 10F1		REV: B		
CUSTOMER COPY				